



PTO/SB/08A (07-05)

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| Substitute for form 1449A/PTO | | | | Complete if Known | |
| | | | | Application Number | 09/955,180 |
| | | | | Filing Date | 09/19/2001 |
| | | | | First Named Inventor | Koji Miyajima |
| | | | | Art Unit | 2623 |
| | | | | Examiner Name | Parry, Christopher L. |
| | | | | Attorney Docket Number | 034620-096 |
| Sheet | 1 | of | 2 | | |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number - Kind Code ³ (if known) | | | |
| RB | | US- 6,003,076 | 12/14/1999 | Maruyama et al. | |
| RB | | US- 6,014,696 | 01/11/2000 | Araki et al. | |
| RB | | US- 6,272,470 B1 | 08/07/2001 | Teshima | |
| RB | | US- 6,938,171 B1 | 08/30/2005 | Isomichi et al. | |
| RB | | US- 6,980,205 B1 | 12/27/2005 | Zettsu et al. | |
| | | US- | | | |

| FOREIGN PATENT DOCUMENTS | | | | | |
|--------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | | | |
| RB | | JP 07-182374 | 07/21/1995 | Sharp Corporation | X |
| RB | | JP 07-249047 | 09/26/1995 | Fujitsu Ltd. | X |
| RB | | JP 09-009244 | 01/10/1997 | Matsushita Electric Ind. Co. Ltd. | X |
| RB | | JP 09-153912 | 06/10/1997 | Nippon Telegraph & Telephone Corporation | X |
| RB | | JP 10-079770 | 03/24/1998 | Kabushiki Kaisha Toshiba | X |
| RB | | JP 10-105514 | 04/24/1998 | Suzuki Shinri | X |
| RB | | JP 10-111873 | 04/28/1998 | Nippon Telegraph & Telephone Corporation | X |
| RB | | JP 10-198596 | 07/31/1998 | OKI Electric Ind. Co. Ltd. | X |
| RB | | JP 11-242625 | 09/07/1999 | Nippon Telegraph & Telephone Corporation | X |
| RB | | JP 11-316704 | 11/16/1999 | Nippon Telegraph & Telephone Corporation | X |
| RB | | JP 11-353315 | 12/24/1999 | NEC Corporation | X |
| RB | | JP 2000-029883 | 01/28/2000 | Nippon Telegraph & Telephone Corporation | X |
| RB | | JP 2000-003334 | 01/07/2000 | Fujitsu Limited | X |
| RB | | JP 2001-051822 | 02/23/2001 | International Business Machines Corporation | X |

| | | | |
|--------------------|----------------|-----------------|------------|
| Examiner Signature | /Rueben Brown/ | Date Considered | 11/13/2006 |
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| <p>Substitute for form 1449B/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use as many sheets as necessary)</p> | | Complete If Known | |
| | | <i>Application Number</i> | 09/955,180 |
| | | <i>Filing Date</i> | 09/19/2001 |
| | | <i>First Named Inventor</i> | Koji Miyajima |
| | | <i>Art Unit</i> | 2623 |
| | | <i>Examiner Name</i> | Parry, Christopher L. |
| Sheet | 2 | of | 2 |
| | | <i>Attorney Docket Number</i> | |
| | | 034620-096 | |

| | | | |
|--------------------|----------------|-----------------|------------|
| Examiner Signature | /Rueben Brown/ | Date Considered | 11/13/2006 |
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